



# Capital Improvement Program FY2011 thru FY2015 Project Request Form

**Project Title:** CAPITAL OUTLAY (472061)

**Project Priority:** Priority 2

**Project Code:** sew200

**Project Type:** ADDITION & REPLACEMENT

**Start Date (FYE):** 2002

**Department:** 2012

**Status:** Active

**Completion Date (FYE):** 2015

**Description:**

This program targets funding for capital outlay as itemized below; actual distribution to be determined at budget preparation.

**Explanation:**

48111 Machinery & Equipment	48271 EDP Equipment
48131 Radio Equipment	48273 Software
48151 Motor Vehicles & Equipmt	48282 Land
48181 Buildings & Grounds	48291 Engineering/Mapping
48221 Furniture	48298 Install Service Lines
48225 Radio Meters	

**Justifications:**

- ☐ Mandated
- ☐ Remove hazards
- ☐ Maintains service
- ☒ Increase efficiency
- ☐ Increase revenues
- ☐ Improves service
- ☐ New service
- ☐ Convenience
- ☐ Other

**Alternative:**

Pursue replacement using operating funds and approach at the time of unit failure.

Expenditures:	Prior	2011	2012	2013	2014	2015	Future	Total
Planning								
Land								
Construction								
Equipment		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000		\$500,000
Other Expenses								
<b>Total</b>		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000		\$500,000
Funding Sources:	Prior	2011	2012	2013	2014	2015	Future	Total
General Revenue								
Enterprise Revenue		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000		\$500,000
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue								
<b>Total</b>		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000		\$500,000
Operating Impacts:	Prior	2011	2012	2013	2014	2015	Future	Total
Personnel								
Operating								
Capital								
Offsets								
<b>Total</b>								



Capital Improvement Program  
FY2011 thru FY2015  
Project Request Form

**Project Title:** BLACKS RUN INTERCEPTOR UPGRADE PROG (911161-48641)

**Project Priority:** Priority 2

**Project Code:** sew203

**Project Type:** REPLACEMENT

**Start Date (FYE):** 1991

**Department:** 2012

**Status:** Active

**Completion Date (FYE):** 2020

**Description:**

Continued commitment to upgrade infrastructure of the City sanitary sewer collection system following recommendations from the Interceptor Sewer Evaluation Study for the City of Harrisonburg, VA, by Wiley & Wilson, 1989.

\$29,318 If = \$8,062,000... \$11,372,000 (5,10) = \$9,717,000

Available in project fund: \$ 384,000; Required funding: \$ 9,333,000

Funding 2010-2015: \$500,000; Funding Beyond: \$8,833,000

**Explanation:**

Allows for continued growth by expanding interceptor pipe capacity, helps to reduce infiltration/inflow by pipe upgrade and reduces maintenance by pipe upgrade.

**Alternative:**

1. Eliminate stated commitment with possible impact to growth, property, and the environment by down-sizing the scope of work.
2. Delay progressive implementation and opt for future debt funding of a larger comprehensive project with the same scope of work.

**Justifications:**

- ☐ Mandated
- ☒ Remove hazards
- ☒ Maintains service
- ☐ Increase efficiency
- ☒ Increase revenues
- ☒ Improves service
- ☒ New service
- ☐ Convenience
- ☐ Other

Expenditures:	Prior	2011	2012	2013	2014	2015	Future	Total
Planning								
Land								
Construction		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$8,833,000	\$9,333,000
Equipment								
Other Expenses	\$4,780,191							\$4,780,191
Total	\$4,780,191	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$8,833,000	\$14,113,191
Funding Sources:	Prior	2011	2012	2013	2014	2015	Future	Total
General Revenue								
Enterprise Revenue	\$4,780,191	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$8,833,000	\$14,113,191
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue								
Total	\$4,780,191	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$8,833,000	\$14,113,191
Operating Impacts:	Prior	2011	2012	2013	2014	2015	Future	Total
Personnel								
Operating								
Capital								
Offsets								
Total								



# Capital Improvement Program FY2011 thru FY2015 Project Request Form

**Project Title:** OVSIZING & EXTENSIONS (911161-48650)

**Project Priority:** Priority 2

**Project Code:** sew206

**Project Type:** NEW

**Department:** 2012

**Status:** Active

**Start Date (FYE):** 1998

**Completion Date (FYE):** 2015

**Description:**

This is a progressive sewer system planning tool for making funds available to accomodate new sewer mains into area previously without public sewer service.

**Explanation:**

There are three means by which these funds are distributed:

1. Annual review of applications based upon priority types
2. Interdepartmental or city council requests
3. The director's option to enlarge or extend a sewer main within a developers project, beyond the proect's documented needs.

No funding has been shown beyond the five year CIP period

**Justifications:**

- ☐ Mandated
- ☐ Remove hazards
- ☐ Maintains service
- ☒ Increase efficiency
- ☒ Increase revenues
- ☐ Improves service
- ☒ New service
- ☐ Convenience
- ☐ Other

**Alternative:**

Abandon commitment

Expenditures:	Prior	2011	2012	2013	2014	2015	Future	Total
Planning								
Land								
Construction		\$30,000	\$30,000	\$30,000	\$30,000	\$30,000		\$150,000
Equipment								
Other Expenses	\$1,036,731							\$1,036,731
<b>Total</b>	<b>\$1,036,731</b>	<b>\$30,000</b>	<b>\$30,000</b>	<b>\$30,000</b>	<b>\$30,000</b>	<b>\$30,000</b>		<b>\$1,186,731</b>
Funding Sources:	Prior	2011	2012	2013	2014	2015	Future	Total
General Revenue								
Enterprise Revenue	\$1,036,731	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000		\$1,186,731
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue								
<b>Total</b>	<b>\$1,036,731</b>	<b>\$30,000</b>	<b>\$30,000</b>	<b>\$30,000</b>	<b>\$30,000</b>	<b>\$30,000</b>		<b>\$1,186,731</b>
Operating Impacts:	Prior	2011	2012	2013	2014	2015	Future	Total
Personnel								
Operating								
Capital								
Offsets								
<b>Total</b>								



# Capital Improvement Program FY2011 thru FY2015 Project Request Form

**Project Title:** REPAIR MAINS & APPURTENANCES (911161-48651,48642,48645)

**Project Priority:** Priority 2

**Project Code:** sew207

**Project Type:** NEW

**Start Date (FYE):** 1998

**Department:** 2012

**Status:** Active

**Completion Date (FYE):** 2015

**Description:**

This program targets funding to rehabilitate or replace sewer system assets using lifecycle evaluation analysis. The purpose is to maintain a vibrant sewer system by systematically upgrading sewer pipe and manholes.

**Explanation:**

**Explanation of Upgrades:**

1. Replace assets using condition assessment ranking.
  2. Upgrade sewer main sections from monthly root run maintenance schedule by sliplining the worst section on an annual basis.
  3. Infiltration / Inflow Abatement (Replaces 911161-48645 beginning 2008-2009)
- No funding has been shown beyond the five year CIP period.

**Justifications:**

- ☐ Mandated
- ☒ Remove hazards
- ☒ Maintains service
- ☐ Increase efficiency
- ☐ Increase revenues
- ☐ Improves service
- ☐ New service
- ☐ Convenience
- ☐ Other

**Alternative:**

Pursue upgrade and repair using operating funds approach at the time of the facilities failure.

Expenditures:	Prior	2011	2012	2013	2014	2015	Future	Total
Planning								
Land								
Construction		\$300,000	\$300,000	\$300,000	\$300,000	\$300,000		\$1,500,000
Equipment								
Other Expenses	\$5,730,800							\$5,730,800
<b>Total</b>	<b>\$5,730,800</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>		<b>\$7,230,800</b>
Funding Sources:	Prior	2011	2012	2013	2014	2015	Future	Total
General Revenue								
Enterprise Revenue	\$5,730,800	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000		\$7,230,800
Bond Proceeds								
Grants								
Capital Project Fund								
Other Revenue								
<b>Total</b>	<b>\$5,730,800</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>	<b>\$300,000</b>		<b>\$7,230,800</b>
Operating Impacts:	Prior	2011	2012	2013	2014	2015	Future	Total
Personnel								
Operating								
Capital								
Offsets								
<b>Total</b>								